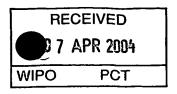
PATENT COOPERATION TREATY PCT



INTERNATIONAL PRELIMINARY EXAMINATION REPORT

(PCT Article 36 and Rule 70)

(Rationalised Report according to the Notice of the President of the EPO published in the OJ11/2001)

Applicant's or agent's file reference 0202231	FOR FURTHER ACTION	ON See Notification of Transmittal of International Preliminary Examination Report (Form PCT/IPEA/416)			
International application No.	International filing date (day)	month/year)	Priority date (day month year)	
PCT/BR03/00071	04/06/2003	j	06/06/2002		
International Patent Classification (IPC) or					
	H05K7/00				
Applicant					
FRANCISQUINI, Melquisede	c				
 This international preliminary examples and is transmitted to the 	nination report has been prepare applicant according to Article	ed by this Intern 36.	ational Preliminary Examining		
2. This REPORT consists of a total of sheets, including this cover sheet.					
This report is also accompanied by ANNEXES, i.e., sheets of the description, claims and/or drawings which have been amended and are the basis for this report and/or sheets containing rectifications made before this Authority (see Rule 70.16 and Section 607 of the Administrative Instructions under the PCT).					
These annexes consists of a total of sheets.					
3. This report contains indications relating to the following items:					
I X Basis of the report					
II Priority					
III Non-establishment of opinion with regard to novelty, inventive step and industrial applicability					
IV Lack of unity of invention					
Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement					
VI Certain documents cite	VI Certain documents cited				
	VIII Certain observations on the international application				
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Date of submission of the demand	Dat	e of completion of	•		
26/12/2003		01/04/2	2004	s Patentamr .	
Name and mailing address of the IPEA/	Aut	horized officer	. 60	The state of	
European Patent Office	HU	BEAU M G	lets		
D-80298 Munich Tel. (+49-89) 2399-0, Tx: 523 Fax: (+49-89) 2399-4465	Tei	. (+49-89) 2399 :			
Form PCT/IPEA/409 (cover sheet) P20476	(October 2002)		Jrop _{de}	Office e	



I. Basis of the report

The basis of this international preliminary examination is the application as originally filed.

V. Reasoned statement under Rule 66.2(a)(ii) with regard to novelty, inventive step or industrial applicability

In light of the documents cited in the international search report, it is considered that the invention as defined in the claims meets the criteria mentioned in Article 33 (1) PCT, i.e. it appears to be novel, to involve an inventive step and to be industrially applicable.